

ELECTROMAGNETICALLY CONTROLLED DRIVE SYSTEM AND METHOD

ABSTRACT OF THE DISCLOSURE

An electromagnetically controlled drive system for accessing a data storage medium comprises an optical signal generator and a reflector element adapted to receive an optical signal from the optical signal generator. The reflector element is also adapted to direct the optical signal toward the data storage medium. The system also comprises an electromagnetic element adapted to generate an electromagnetic field proximate to the reflector element. The reflector element is adapted to respond to the electromagnetic field to move the optical signal relative to the data storage medium in response to a change in the electromagnetic field.